

CLAIMS

What is claimed is:

1. A lock core assembly comprising:
a barrel which defines an axis; and
a plug mountable for rotation within said barrel for rotation around said axis relative
said barrel, said plug comprising an rear segment which defines a first plane parallel to a
second plane, said first plane and said second plane transverse and offset along said axis, a
first engagement member at least partially within said first plane and a second engagement
member at least partially within said second plane, said first engagement member
perpendicular to said second engagement member.
2. The lock cylinder assembly as recited in claim 1, wherein said second
engagement member comprises a stop that extends from a circular member located at least
partially within said second plane.
3. The lock cylinder assembly as recited in claim 2, wherein said circular member
defines an inner diameter and said stop defines an outer diameter.
4. The lock cylinder assembly as recited in claim 1, wherein said rear segment is
recessed within said plug.
5. The lock cylinder assembly as recited in claim 1, wherein said plug defines a
groove.
6. The lock cylinder assembly as recited in claim 5, further comprising a torque
blade comprising a female end engageable with said rear segment.

7. The lock cylinder assembly as recited in claim 6, further comprising a retainer mountable at least partially within said groove, said retainer axially retaining said torque blade to said rear segment.
8. The lock cylinder assembly as recited in claim 7, wherein said retainer is frustum-conically shaped.
9. The lock cylinder assembly as recited in claim 1, further comprising a spindle comprising a female end engageable with said rear segment.
10. The lock cylinder assembly as recited in claim 9, further comprising opposed spindle cams within said female end.

11. A lock assembly comprising:
a lock housing;
a barrel which defines an axis, said barrel mountable within said housing;
a plug mountable for rotation within said barrel for rotation around said axis relative
said barrel, said plug comprising a male rear segment;
a torque blade comprising a female end engageable with said male end; and
a retainer axially retaining said female end over said male end.

12. The lock assembly as recited in claim 11, wherein said male rear segment
comprises a first engagement member perpendicular to a second engagement member.

13. The lock assembly as recited in claim 12, wherein first engagement member is
axially displaced from said second engagement member.

14. The lock assembly as recited in claim 11, wherein said second engagement
member extends from a circular member, said circular member defines an inner diameter and
said second engagement member defines an outer diameter.

15. The lock assembly as recited in claim 11, wherein said male end is recessed
within said plug.

16. The lock assembly as recited in claim 11, wherein said retainer engages a
groove defined about said plug.

17. A lock assembly comprising:
 - a lock housing;
 - a barrel which defines an axis, said barrel mountable within said housing;
 - a plug mountable for rotation within said barrel for rotation around said axis relative said barrel, said plug comprising a male rear segment; and
 - a spindle comprising a female end with opposed cams engageable with said male end.
18. The lock assembly as recited in claim 17, wherein said male rear segment comprises a first engagement member perpendicular to a second engagement member.
19. The lock assembly as recited in claim 18, wherein first engagement member is axially displaced from said second engagement member.
20. The lock assembly as recited in claim 17, wherein said second engagement member extends from a circular member, said circular member defines an inner diameter and said second engagement member defines an outer diameter.
21. The lock assembly as recited in claim 17, wherein said male end is recessed within said plug.